

## NECROLOGY

### CARL O. BOUCHER (1904-1975)

Carl O. Boucher, Chairman of the Department of Prosthodontics at The Ohio State University College of Dentistry from 1940 to 1970, died in March, 1975. He is survived by his wife, Florence, and one son, James, of Columbus.

Dr. Boucher graduated from The Ohio State University in 1927 and joined the faculty after graduation. He was internationally known in the field of prosthodontics and received many awards from around the world. He was founder and editor of the *Journal of Prosthodontic Dentistry*. He became a member of the Ohio Academy of Science, Medical Science Section, in 1965.

### EMILY GRAY BURKE (1905-1975)

Emily Gray Burke, editor for the Cleveland Museum of Natural History, was killed in a two-car collision near Waynesville, Ohio on March 22, 1975 at the age of 70. She was born in Buffalo, New York, but spent most of her youth in the Pittsburgh area. As a child she was crippled by polio and spent part of her time in high school in a wheelchair. She is survived by her husband, John, Curator of Invertebrate Paleontology at the Cleveland Museum of Natural History, daughter Sheila Sloan of Middletown, Ohio, son Brian Burke of Haddonfield, New Jersey, five grandchildren and one great grandchild.

She liked nature and the out-of-doors. She graduated from the University of Pittsburgh *cum laude* in 1926, and did graduate work at Columbia. Interest in the biological sciences then was running high and new courses in ecology influenced Emily Gray's views toward nature and biology. She first taught in a private elementary school, and later taught at the Carnegie Museum. She was most successful with handicapped children and developed a novel method of teaching nature study to the blind.

She married an undergraduate student who wanted to be a paleontologist, and hunted fossils in the west. As a housewife and mother Emily Gray Burke did volunteer work and took part in community projects in the Pennsylvania hills before coming to Columbus, Ohio to work with the blind and then to Cleveland to work at the Museum of Natural History. She served as a volunteer at the Museum and later as editor. She was a member of the Ohio Academy of Science, Zoology Section, since 1971.

### JAMES D. GRAHAM (1941-1975)

James D. Graham, Associate Professor of Biology, Leukemia Research Laboratory, Bowling Green State University, died September 5, 1975 at the age of 34. Dr. Graham succumbed, after a long illness, to the disease he so diligently investigated. He was born March 21, 1941 at Columbus, Ohio and is survived by his wife, Jaclyn, and two sons, Jim and Jack.

Dr. Graham attended The Ohio State University College of Medicine in 1963-64. He received his M.A. degree in 1967 and his Ph.D. in 1969 from Kent State University. Dr. Graham's record of accomplishments is remarkable. Within the short span of six years since receiving his Ph.D., he published one book, 21 articles, presented more than 16 papers at professional meetings, and directed at least 13 Masters and Ph.D. students. After coming to Bowling Green State University, he received grants from the American Cancer Society for his work with leukemia cells and is credited with developing the cell physiology section into a nationally respected program. He was recognized as an able teacher, capable of inspiring students to high levels of performance. A member of the Ohio Academy of Science since 1961, he was elected a Fellow in 1964, and served as Vice-President of the Medical Science Section 1971-72.

### DANIEL J. HIGGINS (1922-1975)

Daniel J. Higgins, Associate Professor of Biology at Xavier University, died June 29, 1975 at the age of 53. He is survived by his wife, Elizabeth of Cincinnati, a daughter, Mrs. Judith Manley, one grandson, and two brothers, John B. of Columbus and Richard P. of Detroit.

Daniel J. Higgins taught botany, microbiology and bacteriology at Xavier University since 1965. Earlier he taught at Syracuse University and the University of Dayton and served as plant pathologist for the U.S. Department of Agriculture. Graduate of Aquinas High School, Columbus, he earned bachelor, masters and doctoral degrees at The Ohio State University. His specialty was the study of fungi. He was a member of Phi Epsilon Phi—the National Botanical Honorary Society, Gamma Sigma Delta—the National Agricultural Society, Sigma Xi—the National Science Honorary Society, as well as the Botanical Society of America, The American Phytopathological Society, the Mycological Society of America, the Ecological Society of America. His research was published in *Phytopathology* and *Botanical Gazette*. He was a member of the Ohio Academy of Science Plant Sciences Section since 1972.

**THOMAS D. HOWE (1898-1976)**

Thomas D. Howe, Central State University, Wilberforce, Ohio, born September 21, 1898, died March 27, 1976. He is survived by his wife Clara and two children, both married.

Thomas D. Howe graduated from the University of Nebraska, Biological Sciences, in 1921, received his Masters degree at Nebraska in 1922, and Ph.D. in Botany at the University of Wisconsin in 1925. He spent the summer of 1927 at the Marine Biological Laboratory at Woods Hole, Mass., and the summer of 1956 at the National Science Foundation Institute at Cornell University. His professional experience included Millikan University, Decatur, Ill.; University of Arizona at Tucson; Duquesne University, Pittsburgh, Pa.; Gannon College, Erie, Pa.; Defiance College, Defiance, Ohio; College of Steubenville, Steubenville, Ohio, and Central State University, Wilberforce, Ohio, 1960-1968, acting chairman, 1962-64. Dr. Howe performed extensive research investigations on the female gametophyte of plants belonging to the family Compositae and published numerous papers. Dr. Howe was a member of the Ohio Academy of Science Plant Science Section since 1949 and was a fellow of the Academy since 1953.

**SHANNON JONES (1906-1974)**

Shannon Jones, retired employee of The General Electric Company at Nela Park, died December 18, 1974 of a heart attack. He was born December 25, 1906, at Girard, Ohio. He was never married, and is survived by his sister Ruth Enid Jones of Massillon, Ohio.

Shannon Jones attended Girard public schools, graduated from Hiram College with an A.B. degree in 1927 and subsequently received a B.A. degree in Physics from Case Institute. He lived in East Cleveland most of his life until ten years ago when he moved to Euclid, Ohio. He worked for General Electric for 42 years until his retirement in 1972. After his retirement, he continued his activities in many professional and social organizations and was revered and highly respected for his scientific knowledge and competence. He was a member of the Ohio Academy of Science, Physics and Astronomy Section, since 1948.

**JOHN E. MILLEN (1898-1974)**

John E. Millen, retired metallurgist of Bainbridge, Ohio, died December 12, 1974 at Hillcrest Hospital, Mayfield Heights, Ohio, at the age of 76. He is survived by daughters Mary Biros, Grace Kizak, Judy Spice, Florence Woollums, Dorothy Simonds and Barbara Wolcott, a son James, a brother Joseph, 24 grandchildren and 17 great grandchildren.

Mr. Millen was an inventor with several patents and a former employee of Jones-Laughlin Co. and Cleveland Army Tank-Automotive Plant. He had done work for the National Aeronautical Space Administration, and was working on an anti-gravitation thrust machine. Mr. Millen's daughter, Mrs. Dorothy Simonds, gave over 200 of her father's machine mechanisms to the Department of Civil Engineering at the Cleveland State University for display and use by the students. He was a member of The Ohio Academy of Science, Physics and Astronomy Section, since 1966.

**ETHEL MELSHEIMER MILLER (1885-1975)**

Ethel Melsheimer Miller died June 25, 1975 at Sarasota, Florida. She was 89 years of age. She is survived by two sisters, Miss Evelyn Miller and Mrs. James D. Hartshorne, both of Columbus, Ohio, and three nieces. She was a Botany and Zoology Librarian at The Ohio State University in Columbus for 30 years and was on the staff of Chemical Abstracts. Ms. Miller was Librarian, Fellow and Honorary Life Member of the Ohio Academy of Science and was named a Patron in 1975.

Ethel Miller was born July 17, 1885 at Van Wert, Ohio and attended public schools at Van Wert, Troy and Springfield, Ohio. She graduated from Wittenberg College in 1907, taught high school for ten years and became librarian of the Botany and Zoology Library at Ohio State on October 1, 1917, and retired September 30, 1947. Ms. Miller was accomplished as a proofreader on scientific names and the spelling of scientific terms. She was much sought as an expert on locating difficult material involving the search of numerous works. She was author and compiler of a number of scientific papers and was a long time member of the Sarasota Home Demonstration Club and of the Woman's Society of Christian Service of the First Methodist Church.

**HAROLD G. ODDY (1900-1975)**

Harold G. Oddy, Emeritus Chairman of the Department of Chemistry at the University of Toledo, died June 11, 1975 at age 75.

Dr. Oddy received his bachelor's degree from McMasters University, Hamilton, Ontario and masters and doctorate degrees from the University of Toronto. While a graduate student, he received a research fellowship from the National Research Council of Canada. He joined the University of Toledo faculty in 1928 as instructor of chemistry, was named professor in 1942, and was chairman of the department from 1944 until his retirement in 1965. Dr. Oddy published many technical papers and was co-author of an organic chemistry notebook and study guide published by the University. He was a member of the Ohio Academy of Science, Chemistry Section, since 1948, was elected a Fellow in 1959, and became emeritus 1972.

**GUY-HAROLD SMITH (1895-1976)**

Guy-Harold Smith, former chairman of the Department of Geography at The Ohio State University, died April 7, 1976 at age 81. Survivors include a son, J. W. Smith, three grandchildren, and a great grandson.

Professor Smith taught at Ohio State for 37 years before retiring in 1964, and was chairman of the Department of Geography from 1934 to 1964. He was an authority in the field of cartography with special reference to population and physiographic maps. He was a member and officer of the American Association for the Advancement of Science, and the Association of American Geographers. He was named to the Wisconsin State University Hall of Fame in 1970. Guy-Harold Smith was a member of the Ohio Academy of Science, Geography Section, since 1930, was elected to fellowship in 1932, and Honorary Life Member in 1969.

**KENNETH E. VORDENBERG (1906-1975)**

Kenneth E. Vordenberg, author and instructional consultant in secondary science for Cincinnati Public Schools, died July 7, 1975 in Cincinnati at the age of 69. He is survived by his wife, Carolyn, and a sister, Rosemary Vordenberg.

Ken Vordenberg received his bachelor's degree in 1931 and his master's degree in 1955 in Education from the University of Cincinnati. He did post-graduate work at the University of Chicago and Harvard University and was co-author of text books in physical science and in science teaching. Kenneth Vordenberg was a consultant for Cincinnati schools since 1951 and for the past five years has been engaged in planning and developing the new science-related vocational programs at Withrow, Aiken Western Hills, Hughes and Taft high schools. He was at one time acting chairman of the State Board for examining and approving funded educational programs throughout the state of Ohio.

Ken Vordenberg was a fellow of the American Association for the Advancement of Science, president of the Ohio Science Education Association, national chairman of Science Supervisors and a member of the board and past president of the Cincinnati Teachers' Association. He was a life member of National Teachers Association, and for 30 years was chairman of the City Youth Committee of the Cincinnati YMCA. He was a member of the Ohio Academy of Science, Physics and Astronomy Section, since 1947.

**EDWARD L. WICKLIFF (1893-1975)**

Edward L. Wickliff, Chief of the Fish Management Section of the Ohio Department of Natural Resources at Columbus, died September 21, 1975 at Newark, Ohio at the age of 82. Born in 1893 at Grove City, Ohio, where he lived most of his life, Mr. Wickliff moved to Buckeye Lake shortly before his death. Mrs. Wickliff died in 1959. Survivors include five sons, Lynn of Davison, Mich., Lyle of Berea, Leigh of Grove City, Loel of Millersport, Larry of Pataskala, and a sister, Mrs. Dorothy Vandenberg of Columbus.

Edward Wickliff received his bachelor's degree at the Ohio State University in 1914, and his Master's degree in 1917. He was an instructor in zoology at Ohio State from 1919 to 1925 and later became Assistant Chief of the Ohio Division of Fish and Game. Mr. Wickliff was the first Chief of the Bureau of Scientific Research and accumulated facts and information which served as the foundation for many of today's fish and game programs. He wrote much of Ohio fish and game legislation, over a period of 30 years, and represented the Division at many hearings in the Ohio Legislature, where legislators had great respect for his testimony. He was a past president of the American Fisheries Society and the author of more than 200 scientific papers and publications. Ed Wickliff became a member of the Ohio Academy of Science in 1918, was elected a Fellow in 1923, and was awarded an Honorary Life Membership at the Annual Banquet, April 23, 1971, at Akron University. He was a member of the Conservation Section of the Academy.